

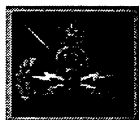
**Training Links:**



*Home...*



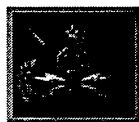
*CORE...*



*DEMO...*



*TMD...*



*BIO/CHEM...*



*Reserve  
Training...*

## **Training at the Explosive Ordnance Disposal School**

**W**e are a Navy managed command located at Eglin Air Force Base, Florida and Indian Head Maryland, that is jointly staffed by over 300 Army, Marine Corps, Navy, and Air Force personnel. Each year approximately 325 U.S. Soldiers, Sailors, Marines, and Airman graduate from the seven month (12 for Navy) basic course. Also, over 100 non-U.S. students graduate each year and over 63 countries have EOD technicians who have been trained at this school. U.S. graduates from this school are currently performing EOD missions in places such as Bosnia, Laos, Cambodia, Korea, the Arabian Gulf, on board ships and U.S. bases throughout the world.

**C**urrently EOD training is broken down into two phases.

**Phase I** consists of eleven (11) weeks of "basic level" EOD training at NAVSCOLEOD DET, Eglin Air Force Base, Florida. Eglin Air Force Base is located in Florida's north west panhandle.

**Phase II** consists of fifteen (15) weeks of "advanced" level EOD training at Naval Ordnance Station, Indian Head, Maryland. Naval Ordnance Station, Indian Head is located about 45 miles south of Washington DC. Training at Indian Head, Maryland is scheduled to consolidate with training at Eglin AFB, Florida sometimes late in 1998.

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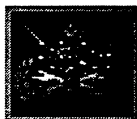
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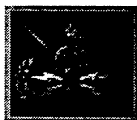
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**Information  
Links:**



*Home...*



*Training...*



*Welcome  
Aboard...*



*History...*



*The Future...*

## **Phase I Training at Explosive Ordnance Disposal School Detachment**

**P**rior to starting training students will be given a one day indoctrination into the school. All aspects of the school are covered, giving each student an overview of the school, what they can expect as well as what is expected of them. Phase I training at NAVSCOLEOD Detachment is broken down into four (4) training divisions.

**T**raining begins in the CORE Division. This division is 18 days long and covers a variety of subjects from basic safety to EOD operations and planning.

**S**tudents then enter the Demolition Division where in 15 days they will learn about basic demolition materials, explosive safety, and disposal techniques.

**T**he next division is the Tools and Methods Division. Students will spend 11 days learning about EOD special tools and procedures, to include explosively actuated tools and ordnance locators.

**A**s they enter the last division, which is the Biological and Chemical Division, they will be expected to put together what they have learned in the first three divisions and apply that during these last 11 days. This training provides basic information in biological/chemical materials, clothing, as well as related procedures. It also places the students in a EOD scenario while operating in a simulated chemical/biological environment.

**U**pon successful completion students then head north to Phase II training. This will be 15 weeks of training at Naval School, Explosive Ordnance Disposal, Indian Head, Maryland.

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## "The First Division"

Training Links:      CORE Division



*Home...*



*Demo...*



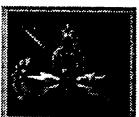
*TMD...*



*Bio/Chem...*



*Phase I...*



*Training...*



CORE Division provides the backbone of skills and knowledge upon which Explosive Ordnance Disposal (EOD) is built. During the course of 18 training days, a student would be immersed in the basic principles of electricity, physics, fuze functioning and ordnance identification. Students would also be trained in the use of the automated EOD publications systems. After the first 13 days of classroom instruction, the student will conduct and be evaluated on the application of these *core* skills in an outdoor environment. This environmental laboratory would require the student to approach a suspected item, make some preliminary evaluations, research, and positively identify the suspected munition, while observing safety during the whole evolution.

Routinely CORE Division is considered by most students to be the hardest division at NAVSCOLEOD. It is important that the student learn the safeties and fundamental theories first, before learning how to "save the world".

Yearning for excitement, most students look forward to the "blow and go" demonstrations of explosives in the Demolition Division, the second stop at Phase I.

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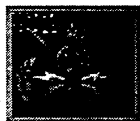
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## "The Second Division, It's a Blast"

Training Links:

Demo Division



Home...



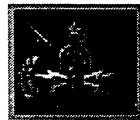
TMD...



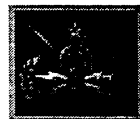
Bio/Chem...



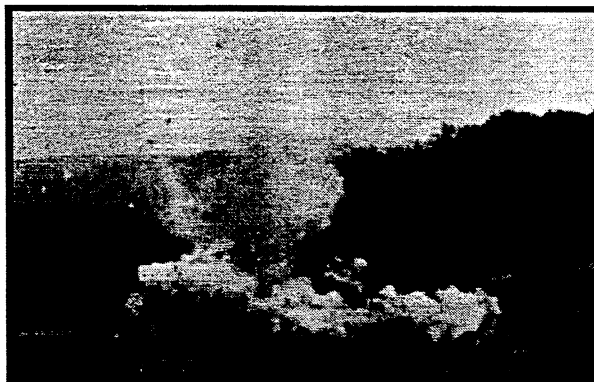
CORE...



Phase I...



Training...



Welcome to the world of the *demolition* division. It is better known as "DEMO". Demo training last 15 days. This block of instruction begins with extensive classroom training in explosive safety, an essential element of any EOD operation.

The training provides a summary of the history of explosives, and expands into Explosives, and Explosives Effects (EEE) such as blast and fragmentation, and details explosive storage, handling and transportation requirements. From that base of information, demolition materials and their designated use become the heart of the Demo division.

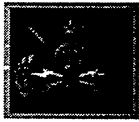
After 5 intensive days in the classroom the student progresses to the practical application of electric, non-electric, and radio firing systems. This prepares trainees for disposal operations, i.e., disposal by detonation and disposal by burning. They will also learn Shaped Charges and Special Explosives. The remaining 10 days will be spent in practical application and testing.

There are 5 tests in this division, but tests alone do not determine whether students successfully complete the Demolition division. Lack of concentration, casualness, inappropriate attitude or unsafe acts will eliminate them from this "High Risk" training before ever reaching the first test. This is a fun division but requires a serious approach.

Upon successful completion of this "It's a Blast" division, students will be moving on to the third division of Phase I the Tools and Methods division.

## "The Third Division"

### Training Links:      Tools and Methods Division



*Home...*



*BIO/CHEM...*



*CORE...*



*DEMO...*



*Phase I...*



*Training...*



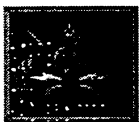
**W**elcome to the Tools and Methods Division. During this eleven day block of instruction students will be exposed to a variety of EOD specific tools and techniques recognized by Explosive Ordnance Disposal technicians around the world. This division is primarily a "hands on" training evolution. There will be some classroom sessions necessary to expose trainees to the basic information needed to complete the practical exercises. Students will learn about non-magnetic tools and the roles they play when working on ordnance items. There will be classroom instruction on ordnance locators as well as practical applications and testing. Upon successful completion of ordnance locator training students will be able to located buried unexploded ordnance and mines.

**S**tudents will receive classroom training on manual remote procedures designed to accomplish render safe procedures on hazardous fuzed munitions. After several days of practicing these procedures they will be expected to pass practical tests on the various methods.

**T**raining will also be received on explosively acuated EOD tools. These tools are powered by special .50 caliber cartridges and are designed to perform render safe procedures on unexploded ordnance with hazardous fuzes.

**F**inal passage from the TMD division will be a written comprehensive test covering all of the information covered while in this division. Upon successful completion of this division students will move on to the Biological and Chemical Division, the final training division here at Phase I.

**Phase II Links:**



*Home...*



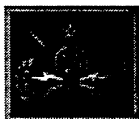
*Ground  
Ordnance...*



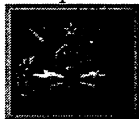
*Air Ordnance...*



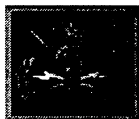
*IED Division...*



*Nuclear  
Weapons...*



*Underwater...*



*Training...*

## **Phase II Training at Explosive Ordnance Disposal School, Indian Head, Maryland**

**P**hase II consists of fifteen (15) weeks of "advanced" level EOD training at Naval Ordnance Station, Indian Head, Maryland. Naval Ordnance Station, Indian Head is located about 45 miles south of Washington DC. Training at Indian Head, Maryland is scheduled to consolidate with training at Eglin AFB, Florida sometimes late in 1998.

**B**efore commencing training students will be given a two day indoctrination into the school. All aspects of the school are covered, giving each student an overview of the school, what they can expect as well as what is expected of them. Phase II training at NAVSCOLEOD is broken down into four divisions for surface students, Ground Ordnance, Air Ordnance, Improvised Explosive Devices, and Nuclear Weapons. Navy students attend a fifth division, Underwater Ordnance and Operations.

[Phase I](#)

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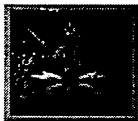
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Phase II Links:

## Ground Ordnance



*Home...*



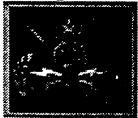
*Air Ordnance...*



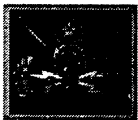
*IED Division...*



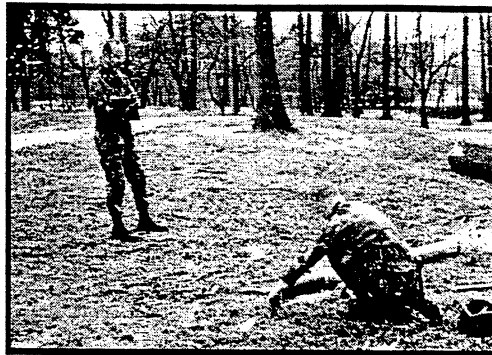
*Nuclear  
Weapons...*



*Underwater...*



*Phase II...*



**L**earning in Phase II begins in the Ground Ordnance Division. This division consists of 18 days of instruction and both classroom and practical testing in all aspects of emergency EOD response involving grenades, land mines, rockets, and projectiles. Focus has shifted from Phase I to where students are expected to perform EOD procedures on individual ordnance items, vice the methodology and techniques taught during the Core phase of training. This holds true for the remaining areas in Phase II as well.

[Air Ordnance](#)

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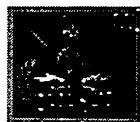
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Phase II Links:



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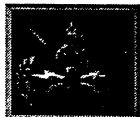
*IED Division...*



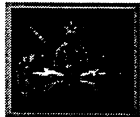
*Nuclear  
Weapons...*



*Underwater...*



*Ground  
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*Phase II...*

## Air Ordnance



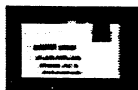
**A**fter completion of Ground successful students will progress to the Air Ordnance Division where they will spend the next 30 class-days learning the intricacies of air dropped munitions and associated devices. Classroom and practical training includes "Aircraft Explosive Hazards", "Guided Missiles", "Bombs and Bomb Fuzes", and "Dispensers and Payloads".

[IED Division](#)

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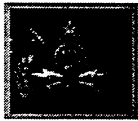
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**Phase II Links:**



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Weapons...*



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*Phase II...*

## Improvised Explosive Devices



**S**tudents then move on to the Improvised Explosive Devices (IEDs) Division. The next 9 class-days are spent studying improvised explosive device construction, effects, render safe, and disposal. Search techniques as well as methods of exploitation are also covered.

Nuclear Weapons Division

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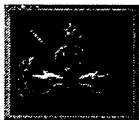
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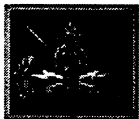
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*Home...*



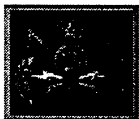
*Underwater...*



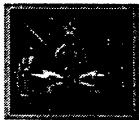
*Ground  
Ordnance...*



*Air Ordnance...*



*IED Division...*



*Phase II...*

## Nuclear Weapons



The last division for surface students is the Nuclear Ordnance Division. A 21 class-day curriculum includes studying and testing on various aspects of nuclear physics, weapon design and effects, and EOD emergency response procedures. Also included is contamination detection, personnel protection, and contamination control. After completion of this division, surface students graduate and receive their "crab"! Navy students move on to their next block of instruction.

[Underwater](#)

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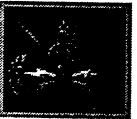
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## Underwater



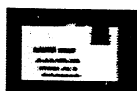
Instruction in the last division for Navy students takes place in the Underwater Ordnance Division. Here Navy students spend their last 62 training days learning all the intricacies of locating, rendering safe, exploitation, and disposal of all types of underwater ordnance including mines, torpedoes, limpet mines, and other miscellaneous devices. Practical problems involving use of SCUBA equipment and instruction in MK 16 influence ordnance diving techniques are included.

### Phase II

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# **40 HOUR HAZWOPER**

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# **EMS SAFETY SERVICES FIRST AID/CPR**

**Scene Assessment  
Bloodborne Pathogens  
Primary Assessment/Child Partial Obstruction Airway  
Child Complete Obstruction Airway  
Recovery Position/Child CPR  
Infant CPR  
Infant Obstructed Airway  
Vital Signs  
Bleeding  
Shock  
Illness Assessment  
Illness Assessment Check Sheet  
Injury Assessment  
Injury Assessment Check Sheet  
Head and Neck Injuries  
One Person Log Roll  
Fractures  
Burns  
Eye Injuries/Seizures  
Poisoning  
Heat and Cold Emergencies  
Cold Emergencies  
Diabetes  
Asthma  
Always Consult Pediatrician If:  
Get Help Immediately If:  
Exam Questions  
Skills Performance Checklist  
EMS Safety Services Student Agreement  
Course Evaluation'**

**Paul Lepore - Captain/Paramedic  
Book Design by AJ Graphics/Huntington Beach, CA**

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800-215-9555 Fax 714-8442-6889**

## RESPIRATOR TRAINING PROGRAM

- I. Experienced personnel (Certified Industrial Hygienists) will train Earth Tech employees in the appropriate use of respiratory protective equipment. Minimum training, shall include the following:
  - A. Identification of respiratory hazards (site specific);
  - B. The consequences of improper utilization of respiratory protective equipment;
  - C. The relationship between engineering and administrative controls and the application of respiratory protection;
  - D. Instruction in the selection, use, sanitary care, maintenance, proper storage, and limitations of each applicable respirator type; and
  - E. An explanation of the medical surveillance program as it relates to the use of respiratory protective equipment.
- II. Experienced personnel will properly fit test Earth Tech employees to ensure that they can properly wear a respirator. The fit test will provide:
  - A. An opportunity to handle the respirator and to wear it in a safe atmosphere for an adequate period of time to ensure that the wearer is familiar with the operational characteristics of the respirator; and
  - B. An opportunity to wear the respirator in a test atmosphere (such as atmospheres generated by smoke tubes or isoamyl acetate) to demonstrate that the respirator protects the worker.
- III. Trainers will also instruct Earth Tech employees of situations where a respirator will be needed and the decisions to be made such as:
  - A. Instructions in how to recognize and cope with emergency situations requiring respiratory protection;
  - B. An explanation of the requirement for a self-contained breathing device for work in unknown concentrations and IDLH atmospheres, and for fire fighting;
  - C. Equipment donning and doffing procedures; and
  - D. Selection of proper cartridges based on site-specific contaminants.
- IV. Earth Tech employees will be made aware of the limitations of respirators such as:
  - A. An explanation of the requirements for maintenance of the respirator gas-tight seal, including beard and facial hair policies, and the policy prohibiting the use of contact lenses while wearing respirators; and
  - B. Employee respirator training will be required on a minimum annual basis and will be documented in writing. Copies of training records will be retained at the division office.